

<b>INFORMATION DISCLOSURE STATEMENT TRANSMITTAL</b>	<b>Application Number</b> 
To Commissioner For Patents Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.	<b>Filing Date</b> 
	<b>First Named Inventor</b> HEINLE, FRANK
	<b>Group Art Unit</b> 
	<b>Examiner Name</b> 
	<b>Atty. Docket Number</b> NL03 1405 US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number No.-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 2003/215003	11/20/2003	BOTTOMLEY GREGORY E ET AL.	
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number (ctry <sup>3</sup> -no.- <sup>4</sup> kind <sup>5</sup> , if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear
	1	WO 02/01747	01/03/2002	HIRSCH OLAF J.	

NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in capital letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	1	KUGANSESAN P ET AL: "HIGH-SPEED DATA TRANSMISSION WITH MULTICODE MODULATION AND TURBO-CODES FOR WIRELESS PERSONAL COMMUNICATIONS"; COMMUNICATION 1997, ICC 97 MONTREAL, TOWARDS THE KNOWLEDGE MILLENNIUM; 1997 IEEE INTERNATIONAL CONF. ON MONTREAL QUE; CANADA 8-12 JUNE 1997, NEW YORK; VOL. 2, 8 JUNE 1997; PAGES 959-963			

<b>Examiner Signature</b> 	<b>Date Considered</b> 
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.